



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
2170 SW Canal Street
Stuart, FL 34997

REPLY TO
ATTENTION OF

Regulatory Division
Special Projects and Enforcement Branch
SAJ-1994-4532 (IP-AAZ)
Modification #17

JUN 14 2007

South Florida Water Management District
Attn: Ron Bearzotti
3301 Gun Club Road
West Palm Beach, FL 33416

Dear Mr. Bearzotti:

Reference is made to your letter dated April 27, 2007, requesting a modification to the Department of the Army permit number SAJ-1994-4532 (IP-AAZ) issued on March 13, 1997. The original permit authorized the placement of fill for levees, canals, control structures, and pump stations for several components of the Everglades Construction Project (ECP). The project is located adjacent to the Stormwater Treatment Area (STA) 3/4 at the Crown Castle Communication Tower Cell Site "L" in Section 21, Township 47 South, Range 38 East, Palm Beach County, Florida.

Your proposed modification is to install two 24-inch culverts in an existing ditch which would allow excess stormwater to drain from the Crown Castle Communication Tower Cell Site "L" into the L-5 Canal during high flood events. Minor vegetation removal is needed to clean out the ditch and install the culverts. Soil would be excavated at one area along the existing ditch to degrade a berm so that the water can flow into the existing ditch. The excavated soil material will be placed along the extended portions of the berm so that wetlands will not be impacted. The SFWMD has proposed to stop pumping the excess stormwater into the STA 3/4 once the culverts are installed. The Corps has evaluated this project with the following understandings which are incorporated herein as Special Conditions to the modification:

1. The acceptable storm event to the SFWMD that was used for site evaluation and design was the 25-year, 2-day storm event.

2. The pad for the cell tower and electrical equipment cabinets will be raised to a minimum elevation of 12.34 NAVD. It is understood that the actual electrical circuitry will be elevated similar to that of existing conditions, i.e. approximately 24 inches or higher above the pad.

3. The property itself will not require mitigated flood damage reduction measures to offset impact created by local projects. Only the pad is of importance to the owners.

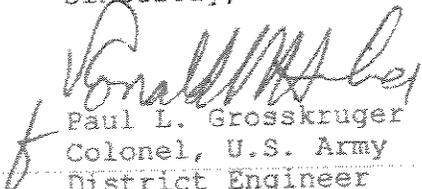
4. In recognition of Item 3, the drainage of the site as designed will only reduce peak stages, not flooding of the site with the design event occurrence. However, the raised pad should remain above flood with the proposed design.

5. The design shall not impact onsite wetlands and wetland vegetation as the proposed passive drainage system will prevent long durations of flood while preventing overdrainage, as ensured by the SFWMD.

6. The proposed 24-inch diameter culverts being sited in a natural setting will require undefined periodic routine maintenance (O&M) to ensure that blocking or fill in does not occur. This effort shall be the responsibility of the SFWMD and is required to ensure the design as constructed performs to expectations during future storm events.

If any changes to the project or the above Special Conditions are proposed, additional coordination with the Corps will be required. The impacts of the modification on the environment have been evaluated and found to be insignificant. The permit is hereby modified as described above. All other conditions of the permit remain in effect. You should attach this letter to the permit. If you have any questions regarding this document, please contact Alisa Zarbo at the letterhead address, by telephone at 772-219-8418, or by email at Alisa.A.Zarbo@saj02.usace.army.mil.

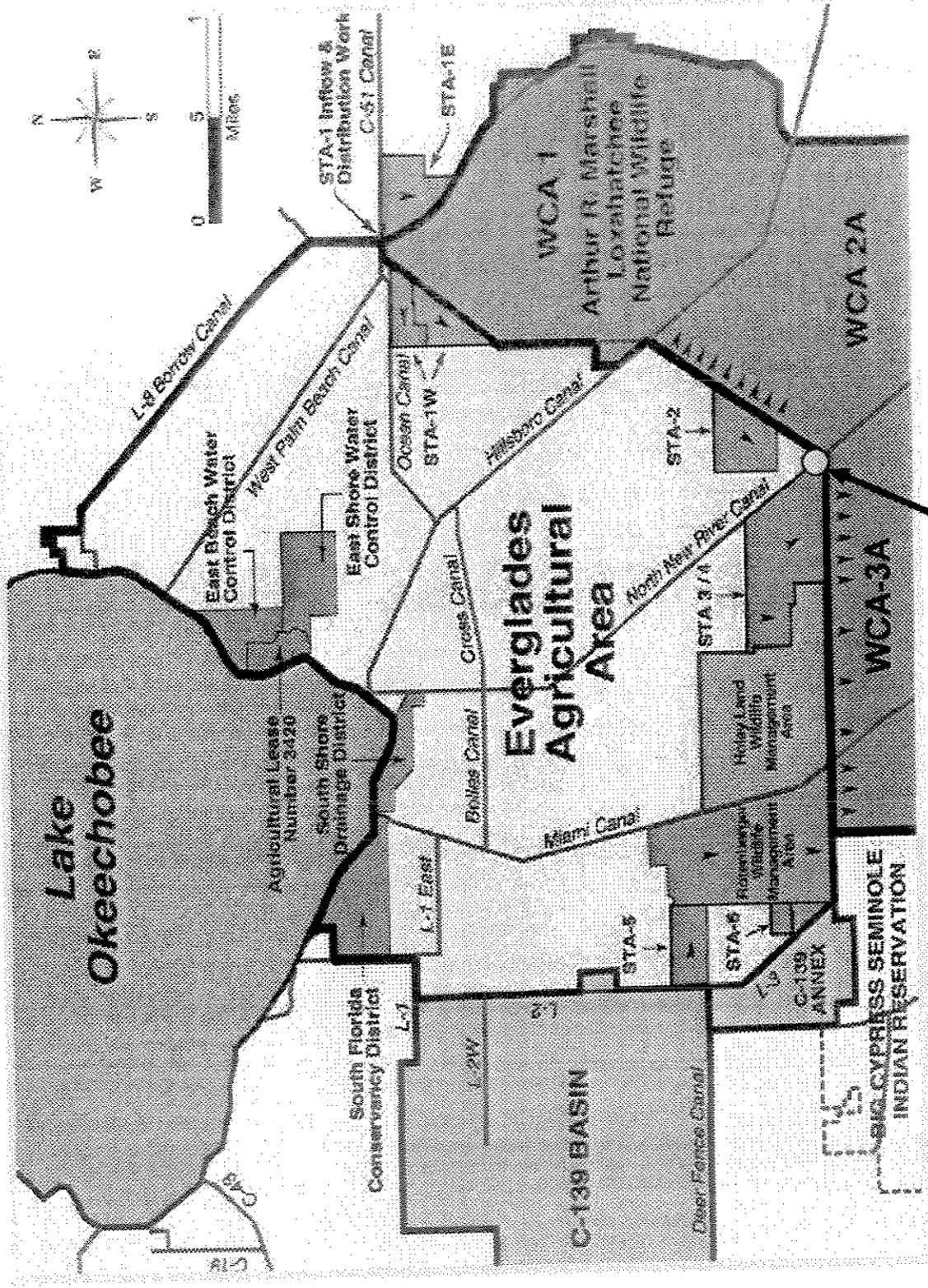
Sincerely,


Paul L. Grosskruger
Colonel, U.S. Army
District Engineer

Enclosures

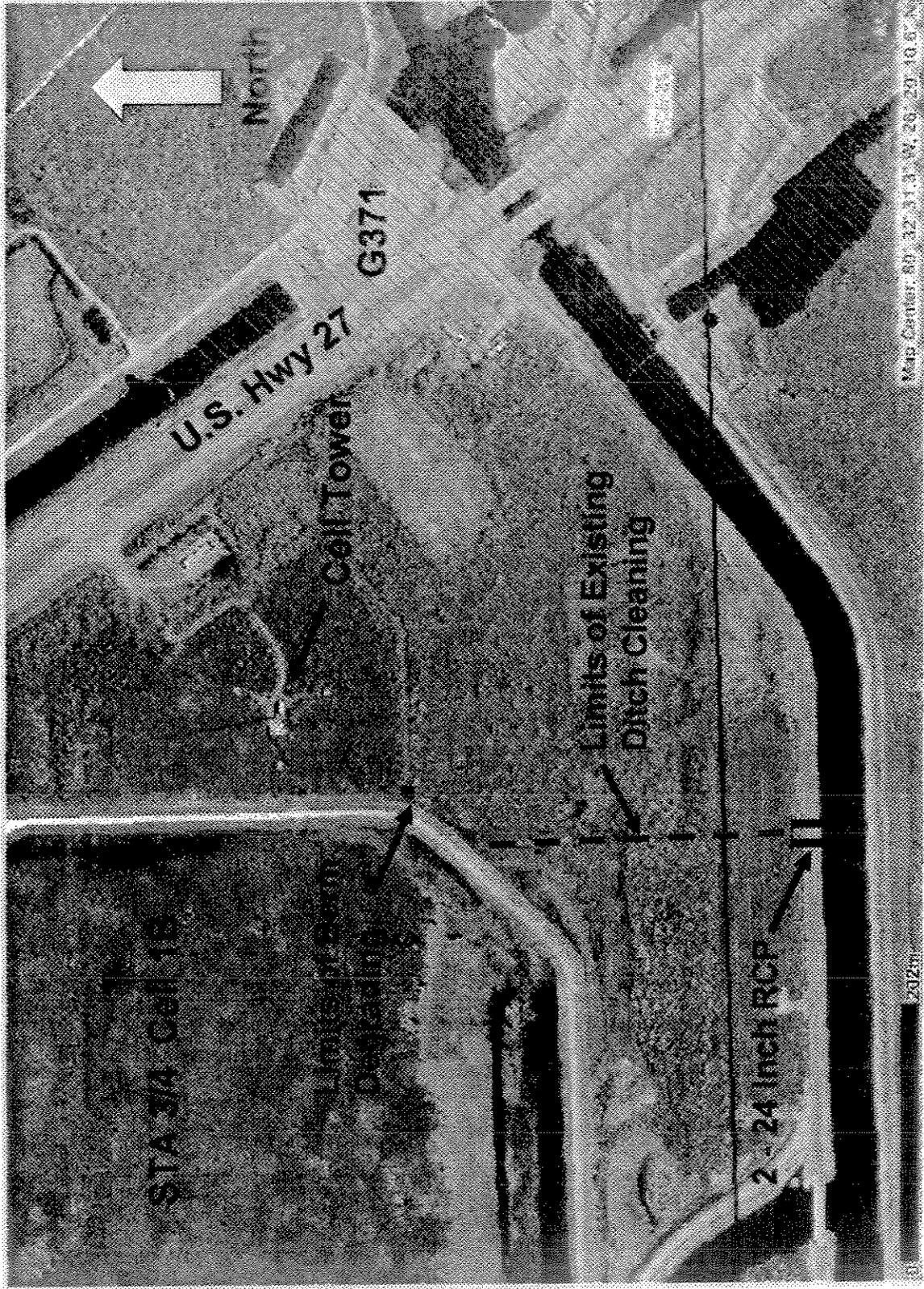
Copy to:
CBSAJ-RD-PE

STA 3/4 – Crown Castle Communications Tower



Project Location

STA 3/4 – Crown Castle Communications Tower



100% SUBMITTAL
 DRAWING NO. 10001
 SHEET NO. 1 OF 1
 DATE: 03/11/03



CROWN CASTLE COMMUNICATION
TOWN CELL SITE 7L
FLOOD PROOFING IMPROVEMENTS



SOUTH FLORIDA WATER MANAGEMENT DISTRICT
 ENGINEERING & CONSTRUCTION DEPARTMENT
 WEST PALM BEACH, FLORIDA 33408
 PHONE: 561-866-8800
 1301 GUN CLUB ROAD

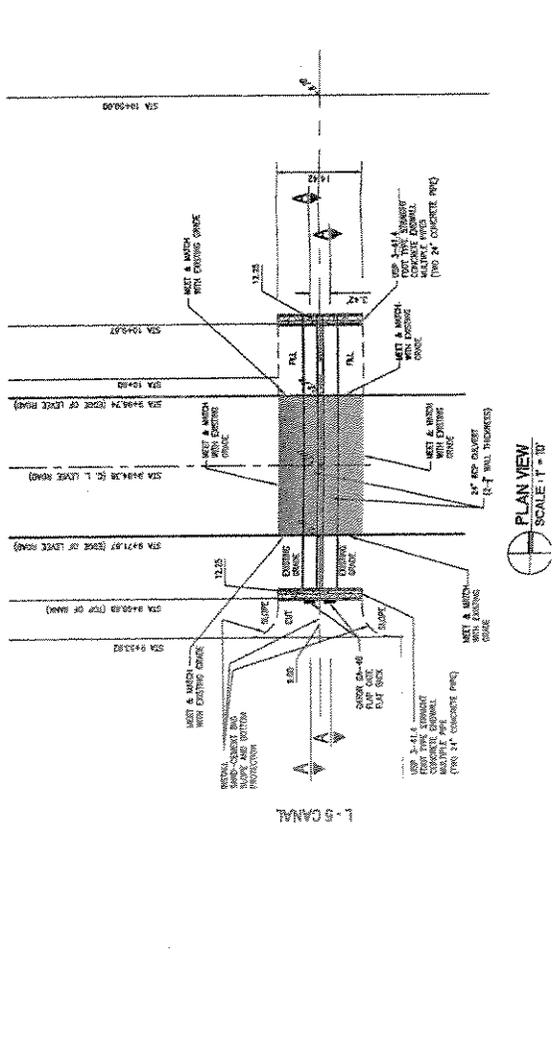
DATE: 03/11/03	DATE: 03/11/03	DATE: 03/11/03	DATE: 03/11/03
DESIGNED: JLR	DESIGNED: JLR	DESIGNED: JLR	DESIGNED: JLR
DRAWN: JLS	DRAWN: JLS	DRAWN: JLS	DRAWN: JLS
CHECKED: JLS	CHECKED: JLS	CHECKED: JLS	CHECKED: JLS
APPROVED: JLS	APPROVED: JLS	APPROVED: JLS	APPROVED: JLS

SCALE: AS SHOWN	SCALE: AS SHOWN	SCALE: AS SHOWN	SCALE: AS SHOWN
DATE: 03/11/03	DATE: 03/11/03	DATE: 03/11/03	DATE: 03/11/03
DESIGNED: JLR	DESIGNED: JLR	DESIGNED: JLR	DESIGNED: JLR
DRAWN: JLS	DRAWN: JLS	DRAWN: JLS	DRAWN: JLS
CHECKED: JLS	CHECKED: JLS	CHECKED: JLS	CHECKED: JLS
APPROVED: JLS	APPROVED: JLS	APPROVED: JLS	APPROVED: JLS

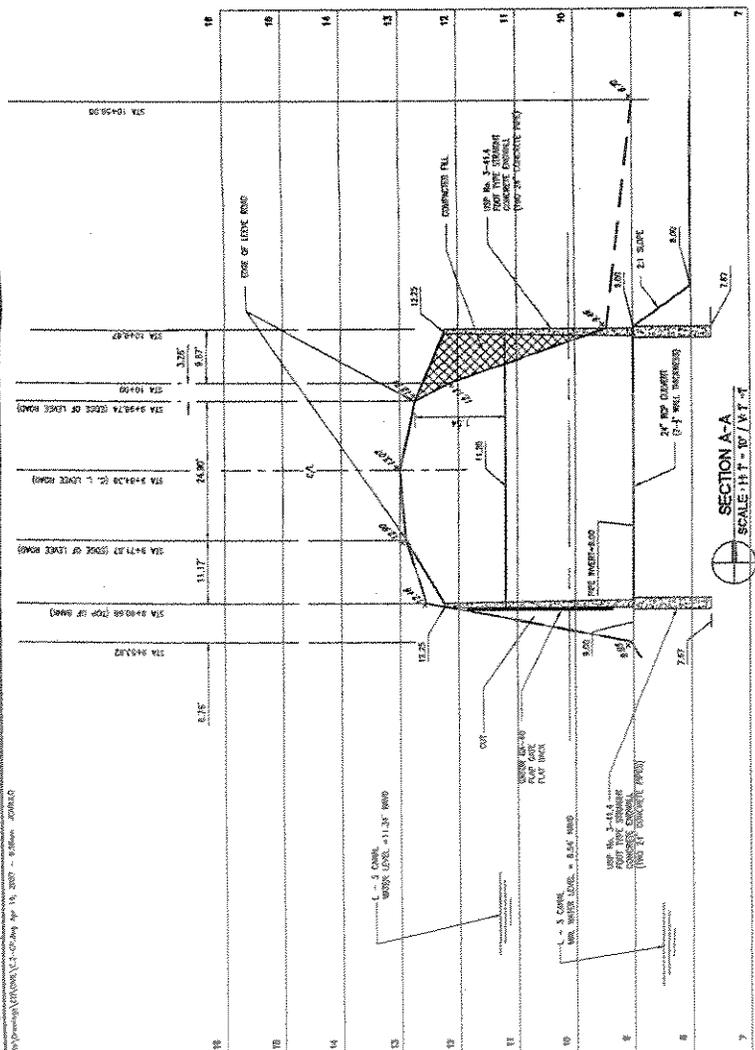
CULVERT DETAIL

The consultant, contractor or other person associated with this project shall comply with Florida Statutes 188.01 (6) (a). These plans are the property of

- LEGEND**
- PROPOSED ELEVATION
 - EXISTING ELEVATION
 - PREVIOUS RECONSTRUCTION
 - COMPACTED FILL
- NOTES:
 1. SEE SHEET NO. 201 AND 202 FOR FLOOD PROOFING IMPROVEMENTS FOR ADJACENT PARCELS.
 2. CONSULT ENGINEERING AND INSULATION



PLAN VIEW
 SCALE: 1" = 10'



SECTION A-A
 SCALE: 1/4" = 1' V.T. = 1'

1. These drawings were prepared by the South Florida Water Management District.

